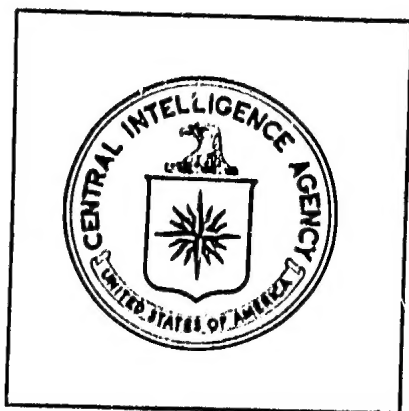


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*USSR: Distribution of Electric  
Power Capacity, 1970-75*

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ER RP 75-14  
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## USSR: DISTRIBUTION OF ELECTRIC POWER CAPACITY 1970-75

### FOREWORD

This research project lists all known Soviet electric powerplants of 24 megawatts (MW) and over and gives the estimated installed capacity of each plant at the end of each year from 1970 through 1975. The list is organized geographically by economic region, with a subdivision for each Union Republic, Oblast, Kray, or other regional division.

The capacity of individual powerplants was estimated on the basis of all information available as of 31 March 1975

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Note: This research project was prepared by the Resources Branch, USSR/Eastern Europe Division, Office of Economic Research, CIA, and has not been coordinated with other intelligence components. Comments and queries are welcomed. They may be directed to

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Estimates of total capacity, by region, were based primarily on information concerning capacity installed at large powerplants. However, the following factors were also taken into consideration: total new capacity installed in the USSR during the year; capacity at old powerplants taken out of service in the USSR during the year; information on new small generating units put into operation in remote areas; and new high voltage transmission lines for exchange of electric power between regions.

The list is presented in such a form that it can be revised and updated through 1980, as new information becomes available and as new capacity is put into operation. An index listing powerplants alphabetically by the official Soviet designation or by town name is also appended.

The following Soviet abbreviations are used to indicate the type of powerplant:

GRES - State regional thermal powerplant

TETs - Heat and powerplant

GES - Hydroelectric powerplant

AES - Nuclear powerplant

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## Capacity of Electric Powerplants in the USSR

## Summary

Region	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
<b>I. Northwest Economic Region</b>										
A. Leningrad Power System	8,503	9,029	9,112	10,083	11,716	13,000				
B. Murmansk Oblast	4,168	4,464	4,514	4,875	5,980	7,355				
C. Karelian ASSR	2,000	1,990	2,158	2,573	3,031	3,020				
D. North Area	700	740	745	740	740	740				
E. North Area	1,635	1,835	1,895	1,895	1,965	1,985				
<b>II. West Economic Region</b>										
A. Belorussian SSR	9,194	10,150	11,222	11,941	12,565	13,055				
B. Estonian SSR	3,676	4,110	4,463	4,987	5,425	5,670				
C. Latvian SSR	2,650	2,866	3,262	3,460	3,455	3,455				
D. Lithuanian SSR	1,154	1,151	1,150	1,149	1,340	1,585				
E. Kaliningrad Oblast	1,474	1,782	2,082	2,080	2,080	2,080				
<b>III. South Economic Region</b>										
A. Ukraine SSR	29,571	32,558	34,818	37,244	39,715	40,920				
B. Moldavian SSR	27,889	30,666	32,923	35,160	36,435	38,540				
<b>IV. North Caucasus Economic Region</b>										
A. Postov Power System	1,632	1,892	1,895	2,084	2,280	2,280				
B. All Other	6,569	6,880	7,445	7,540	8,250	9,550				
	2,584	2,860	3,160	3,160	3,320	3,320				
	3,985	4,020	4,285	4,380	4,930	6,230				

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Capacity of Electric Power Plants in the USSR, 1970-1975  
(continued)

Region	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
V. Transcaucasus Economic Region	6,512	7,429	7,919	7,835	8,135	8,435					
A. Armenian SSR	1,707	2,122	2,257	2,270	2,470	2,720					
B. Azerbaijan SSR	2,741	2,840	2,710	2,890	2,940	2,990					
C. Georgian SSR	2,064	2,467	2,712	2,725	2,725	2,725					
VI. Volga Economic Region	17,390	18,705	19,535	20,195	20,435	20,855					
VII. Central Economic Region	20,727	21,915	23,688	25,672	26,510	27,860					
A. Central Region	15,526	16,299	17,629	19,592	20,450	21,630					
B. Volga-Vyatsk Region	3,018	3,016	3,019	3,060	3,060	3,110					
C. Central-Black Earth Region	2,183	2,600	3,040	3,020	3,020	3,120					
VIII. Urals Economic Region	17,700	16,945	17,850	17,955	19,170	19,560					
IX. West Siberia Economic Region	12,000	11,970	12,595	13,295	13,685	14,175					
X. Central Asia	15,988	16,795	18,115	19,615	20,941	23,035					
A. Kazakhstan SSR	8,760	9,155	9,301	9,814	10,630	11,200					
B. Uzbek SSR	4,742	5,200	5,637	5,935	6,345	6,640					
C. Kirgiz SSR	952	935	1,015	1,015	1,015	2,210					
D. Tadzhik SSR	852	842	1,502	1,800	1,800	1,800					
E. Turkmen SSR	582	663	660	1,051	1,051	1,245					
XI. East Siberia Economic Region	17,500	18,390	18,840	19,165	19,950	21,250					
XII. Far East Economic Region	4,500	4,590	4,900	4,970	5,140	5,975					
TOTAL USSR	166,154	175,365	186,239	195,560	205,112	217,730					

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I. Northwest Economic Region												
Summary		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Leningrad Power System (Leningrad, Novgorod and Pskov Oblasts)		4,168	4,464	4,514	4,875	5,980	7,355					
B. Murmansk Oblast		2,000	1,990	2,159	2,573	3,031	3,020					
C. Karelian ASSR		700	740	745	740	740	740					
D. North Area (Arkhangelsk and Vologda Oblasts; Komi ASSR)		1,635	1,835	1,895	1,895	1,965	1,985					
Total Capacity		8,503	9,029	9,312	10,083	11,716	13,100					

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I. Northwest Economic Region			Estimated Capacity at End of Year (MW)										
	Coordinates												
			1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
A. Leningrad Power System													
1. Dubrovka GRES 8 Kirov	59-52 30-59		312	312	312	312	312	312	312	312	312		
2. Enso GES Svetogorsk	61-06 28-51		100	100	100	100	100	100	100	100	100		
3. Kirish GRES 19	59-29 32-30		1,060	1,360	1,360	1,660	1,660	1,660	1,660	1,660	1,960		
4. Kolpino TETS Izhora-Rybinsk	59-46 30-35		36	36	36	36	36	36	36	36	36		
5. Leningrad TETS Bolshevik	59-51 30-29		24	24	24	24	24	24	24	24	24		
6. Leningrad TETS 1	59-55 30-20		76	76	76	76	76	76	76	76	76		
7. Leningrad TETS 2	59-56 30-23		146	146	146	146	146	146	146	146	146		
8. Leningrad TETS 5 Krasny Oktyabr	59-52 30-29		111	111	111	111	111	111	111	111	111		
9. Leningrad TETS 7	59-52 30-15		120	120	120	120	120	120	120	120	120		
10. Leningrad TETS 14 Southwest	59-52 30-15		300	300	300	300	300	300	300	300	300		
11. Leningrad TETS 15 Khovskaya	59-52 30-17		125	125	125	225	335	335	335	335	335		
12. Leningrad TETS 17-LAZ	59-56 30-15		255	255	255	255	255	255	255	255	255		
13. Leningrad Krasny Treugolnik TETS	59-54 30-17		48	48	48	48	48	48	48	48	48		
14. Leningrad Severnaya TETS	60-05 30-28		-	-	-	-	-	-	-	-	100		
15. Leningrad Yuzhnaya TETS			-	-	-	-	-	-	-	-	-		
16. Leningrad AES	59-51 29-03		-	-	-	-	-	1,000	2,000	2,000	2,000		
17. Narva GES	59-22 28-12		125	125	125	125	125	125	125	125	125		

I. Northwest Economic Region													
	Coordinates		Estimated Capacity at End of Year (MW)										
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
18. Nizhny Svir GES	60-48	33-42	109	109	109	109	109	109	109				
19. Novgorod TERS 20	58-31	31-17	50	50	100	100	100	100	100				
20. Pikalevo TERS	59-32	34-09	37	37	37	37	37	37	37				
21. Rukhiala GES 10	61-04	28-52	108	108	108	108	108	108	108				
22. Verkhne Svir GES 2	60-55	34-12	160	160	160	160	160	160	160				
23. Volkhov GES Lenin 6	59-55	32-20	66	66	66	66	66	66	66				
Total in Plants 24 MW and over			3,368	3,668	3,718	4,118	5,228	6,628					
Small Plants			800	736	756	757	752	727					
Total Capacity -- Leningrad Power System			4,168	4,464	4,514	4,875	5,980	7,355					

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I. Northwest Economic Region			Estimated Capacity at End of Year (MW)									
Coordinates			1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
N. E.												
B. Murmansk Oblast												
1. Borisoglebsk GES	69-39	30-08	58	58	58	58	58	58				
2. Iovskaya GES	66-40	31-20	80	80	80	80	80	80				
3. Kandalaksha Niva GES 1	67-23	32-33	76	26	26	26	26	26				
4. Kandalaksha Niva GES 2	67-17	32-27	60	60	60	60	60	60				
5. Kandalaksha Niva GES 3	67-11	32-25	150	150	150	150	150	150				
6. Khevoskosk GES	69-10	29-10	45	45	45	45	45	45				
7. Kirovsk GES	67-35	33-23	200	200	200	200	200	200				
8. Knyazhagubskaya GES	66-52	32-20	128	128	128	128	128	128				
9. Kola AES	67-27	32-29	-	-	-	440	880	880				
10. Murmansk TETS	68-57	33-04	24	24	24	24	24	24				
11. Murmansk South TETS	68-56	33-05	-	-	-	-	25	25				
12. Murmashi Tulonskaya GES	68-49	32-49	48	48	48	48	48	48				
13. Nautsi Rayakoski GES	69-01	29-01	43	43	43	43	43	43				
14. Posta TETS	69-02	33-05	24	24	24	24	24	24				
15. Serebryansk GES 1	68-51	35-35	204	204	204	204	204	204				
16. Serebryansk GES 2	68-59	35-43	-	-	150	150	150	150				

- 6 -

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I. Northwest Economic Region		Coordinates		Estimated Capacity at End of Year (MW)										
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
17.	Verkhne Tula GES	68-36	31-45	228	228	228	228	228	228	228				
18.	Yaniskoski GES	68-58	28-47	30	30	30	30	30	30					
Total in Plants 24 MW and over				1,348	1,348	1,498	1,938	2,403	2,403					
Small Plants				652	642	660	635	628	617					
Total Capacity -- Murmansk Oblast				2,000	1,990	2,158	2,573	3,031	3,020					

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I. Northwest Economic Region			Estimated Capacity at End of Year (MW)									
Coordinates												
			1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
C. Karelian ASSR												
			N	E								
1. Belomorsk GES	64-30	34-42	27	27	27	27	27	27	27	27	27	27
2. Kondopoga GES	62-12	34-16	28	28	28	28	28	28	28	28	28	28
3. Kondopoga TETS	62-12	34-16	32	32	32	32	32	32	32	32	32	32
4. Ruskaya GES	65-21	31-07	83	83	83	83	83	83	83	83	83	83
5. Matkozhensk GES	64-25	34-29	60	60	60	60	60	60	60	60	60	60
6. Ondskaya GES	63-58	34-13	80	80	80	80	80	80	80	80	80	80
7. Palakorgsk GES	64-17	34-25	30	30	30	30	30	30	30	30	30	30
8. Pitkyaranta TETS	61-34	31-29	24	24	24	24	24	24	24	24	24	24
9. Poduzhensk GES	64-56	34-07	-	48	48	48	48	48	48	48	48	48
10. Putkinsk GES	64-56	34-32	84	84	84	84	84	84	84	84	84	84
11. Segezha TETS	63-44	34-26	62	62	62	62	62	62	62	62	62	62
12. Vyostrovskaya GES	64-28	34-41	40	40	40	40	40	40	40	40	40	40
Total in Plants 24 MW and over			550	598	598	598	598	598	598	598	598	598
Small Plants			150	142	147	142	142	142	142	142	142	142
Total Capacity -- Karelian ASSR			700	740	745	740	740	740	740	740	740	740

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I. Northwest Economic Region		Coordinates		Estimated Capacity at End of Year (MW)									
		N	S	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
D. North Area (Arkhangelsk, Komi, Vologda)													
1. Arkhangelsk Arkham TETS	64-26	40-50		24	24	24	24	24	24				
2. Arkhangelsk TETS	54-34	40-34		60	120	120	120	120	120				
3. Cherepovets Mly. TETS	59-08	37-52		139	239	251	251	251	251				
4. Cherepovets GES	59-15	38-28		40	40	40	40	60	80				
5. Cherepovets GRES	59-13	37-12		-	-	-	-	-	-				
6. Inta TETS	66-03	60-10		36	36	36	36	36	36				
7. Kotlas TETS 1	61-18	47-05		73	73	73	73	73	73				
8. Kotlas TETS 2	61-18	47-08		100	100	100	100	100	100				
9. Severodvinsk TETS	64-35	39-52		100	100	100	100	100	100				
10. Sokol TETS	59-27	40-09		51	51	51	51	51	51				
11. Syktykar TETS	61-49	50-44		24	24	49	49	49	49				
12. Uhta TETS 2	63-33	53-24		129	189	189	189	189	189				
13. Vorkuta TETS 1	67-30	64-03		53	53	53	53	53	53				
14. Vorkuta TETS 2	67-30	64-03		155	155	155	155	205	205				
Total in Plants 24 MW and over				984	1,204	1,241	1,241	1,311	1,331				
Small Plants				651	631	654	654	654	654				
Total Capacity -- North Area				1,635	1,835	1,895	1,895	1,965	1,985				

II. West Economic Region	Estimated Capacity at End of Year (MW)									
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Summary										
A. Belorussian SSR	3,676	4,110	4,463	4,987	5,425	5,670				
B. Estonian SSR	2,650	2,866	3,262	3,460	3,455	3,455				
C. Latvian SSR	1,154	1,151	1,150	1,149	1,340	1,585				
D. Lithuanian SSR	1,474	1,782	2,092	2,080	2,080	2,080				
E. Kaliningrad Oblast	240	250	265	265	265	265				
Total Capacity	9,194	10,159	11,222	11,941	12,565	13,055				

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II. West Economic Region

Coordinates		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
N	E											
A. Belorussia												
1. Berezova GRES	52-28 25-11	920	920	920	920	920	920					
2. Bobruisk TETS 2	53-95 29-14	60	120	180	180	180	180					
3. Grodno TETS 2	53-40 23-56	120	120	120	120	120						
4. Lukoml' GRES	54-41 29-07	900	1,200	1,500	2,100	2,400	2,400					
5. Minsk TETS 2	53-53 27-35	50	50	50	50	50	50					
6. Minsk TETS 3	53-53 27-39	435	435	435	435	435	435					
7. Minsk TETS 4	53-53 27-24	-	-	-	-	-	-					
8. Mogilev TETS 1	53-53 30-18	24	24	24	24	24	24					
9. Mogilev TETS 2	53-55 30-22	110	160	160	160	210	210					
10. Mzyr TETS	53-07 29-15	-	-	-	-	60	195					
11. Orekhovo Belgres	54-42 30-30	24	24	24	24	24	24					
12. Polotsk TETS 2	55-32 28-33	270	320	320	320	370	505					
13. Smolevichi GRES	54-06 28-21	48	48	48	48	48	48					
14. Vasilevichi GRES	52-37 29-45	322	322	322	322	322	322					
15. Vitabsk TETS	55-11 30-10	56	56	56	56	56	56					
Total in Plants 24 MW and over		3,339	3,799	4,159	4,759	5,219	5,439					
Small Plants		337	311	304	229	206	182					
Total capacity -- Belorussia		3,676	4,110	4,463	4,987	5,425	5,621					

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## II. West Economic Region

	Coordinates		Estimated Capacity at the End of Year (MW)									
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
B. Estonia												
1. Akhtre TERS	59-19	27-28	73	73	73	73	73	73				
2. Estonian GRES	59-16	27-54	800	1,000	1,400	1,600	1,600	1,600				
3. Kohtla Yarva TERS	59-24	27-15	54	54	54	54	54	54				
4. Narva Pribaltiskaya GRES	59-22	28-08	1,612	1,624	1,624	1,624	1,624	1,624				
5. Tallin Municipal TERS	59-27	24-45	49	49	49	49	49	49				
Total in Plants 24 MW and over			2,589	2,800	3,200	3,400	3,400	3,400				
Small Plants			62	66	62	60	55	55				
Total capacity -- Estonia			2,650	2,866	3,262	3,460	3,455	3,455				

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II. West Economic Region		Coordinates		Estimated Capacity at the End of Year (MW)									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
C. Latvia													
1. Kegums GES		56-44	24-43	68	68	68	68	68	68				
2. Liepaya GES		56-31	21-01	31	31	31	31	31	31				
3. Plyavinskaya GES		56-38	25-20	825	825	825	825	825	825				
4. Riga GES		56-58	24-06	35	35	35	35	35	35				
5. Riga TETS		56-59	24-11	139	139	139	139	139	139				
6. Riga TETS 2		56-58	24-10	-	-	-	-	-	60				
7. Riga GES		56-52	24-15	-	-	-	-	192	384				
Total in Plants				1,098	1,098	1,098	1,098	1,290	1,542				
24 MW and over				56	53	52	51	50	43				
Small Plants													
Total Capacity --				1,154	1,151	1,150	1,149	1,340	1,585				
Latvia													

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II. West Economic Region		Coordinates		Estimated Capacity at the End of Year (MW)									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
D. Lithuania													1980
1. Kaunas Petrushinai TENS		54-53	23-59	49	49	49	49	49	49				
2. Kaunas GES		54-52	24-00	90	90	90	90	90	90				
3. Kaunas TENS		54-53	23-55	-	-	-	-	-	-				
4. Litovskaya GES		54-45	24-49	1,200	1,500	1,800	1,800	1,800	1,800				
5. Vilnyus TENS 2		54-40	25-14	50	50	50	50	50	50				
Total in Plants 24 MW and over				1,389	1,689	1,989	1,989	1,989	1,989				
Small Plants				85	93	93	91	91	91				
Total Capacity — Lithuania				1,474	1,782	2,082	2,080	2,080	2,080				
E. Kaliningrad Oblast													
1. Kaliningrad Gres 2 Svetlie		54-40	20-07	123	123	123	123	123	123				
Small Plants				117	127	142	142	142	142				
Total Capacity — Kaliningrad Oblast				240	250	265	265	265	265				

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III. South Economic Region		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
		Estimated Capacity at End of Year (MW)										
<u>Summary</u>												
<u>Ukraine SSR</u>												
A. Dnepr Power System		6,708	6,708	7,908	8,508	8,878	9,988					
B. Donbas Power System		8,031	8,831	9,331	10,861	11,281	12,291					
C. Kharkov Power System		2,882	2,882	2,882	2,882	2,882	2,882					
D. Kiyev-Center Area		3,662	5,562	6,317	6,474	6,969	6,987					
E. South Area		681	581	681	681	681	681					
F. West-Southwest Area		3,411	3,411	3,411	3,411	3,411	3,411					
Total in Plants 24 MW and over		25,375	28,075	30,530	32,817	34,102	36,240					
Small Plants		2,514	2,591	2,393	2,343	2,333	2,300					
Total Capacity -- Ukraine		27,889	30,666	32,923	35,160	36,435	38,540					
<u>Moldavia SSR</u>												
		1,682	1,892	1,895	2,084	2,280	2,280					
Total Capacity -- South Economic Region		29,571	32,558	34,818	37,244	38,715	40,820					

## III. South Economic Region

Ukraine SSR	Coordinates		Estimated Capacity at the End of Year (MW)										
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	
A. Dnepr Power System													
1. Dnepro GES Lenin	47-52	25-05	651	651	651	651	651	651	651				
2. Dnepro GES 2	47-52	35-05	-	-	-	-	310	620					
3. Dneprodzerzhinsk GRES	48-32	34-37	200	200	200	200	200	200					
4. Dneprodzerzhinsk GES	48-32	34-38	352	352	352	352	352	352					
5. Dneprodzerzhinsk Fertilizer Plant TETS	48-30	34-37	100	100	100	100	100	100					
6. Dnepropetrovsk TETS Petrovskiy	48-29	34-59	30	30	30	30	30	30					
7. Kakhovka GES	46-47	33-21	351	351	351	351	351	351					
8. Krivoy Rog Metal. TETS 1	47-52	33-25	105	105	105	105	105	105					
9. Krivoy Rog Metal. TETS 2	48-00	33-27	25	25	25	25	25	25					
10. Krivoy Rog Metal. TETS 3	48-00	33-27	-	-	-	-	60	60					
11. Krivoy Rog GRES Sokolovka	48-00	33-27	44	44	44	44	44	44					
12. Krivoy Rog GRES 2	47-40	33-42	2,400	2,400	2,700	3,000	3,000	3,000					
13. Pridneprovskaya GRES	48-24	35-07	2,400	2,400	2,400	2,400	2,400	2,400					
14. Zaporozhe TETS Zaporozhstal	47-52	35-09	50	50	50	50	50	50					
15. Zaporozhe GRES	47-30	35-37	-	-	900	1,200	1,200	2,000					
Total in Plants 24 MW and over			6,708	6,708	7,908	8,508	8,878	9,938					

III. South Economic Region

Coordinates		Estimated Capacity at End of Year (MW)											
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979		
N	E												
Ukraine SSR													
B. Dnbas Power System													
1. Donetsk TENS	48-00	37-48	25	25	25	25	25	25	25	25	25	25	25
2. Krivatorsk TENS	48-45	37-35	75	75	75	75	75	75	75	75	75	75	75
3. Kurakhovka GRES	48-00	37-15	200	200	400	1,030	1,450	1,660					
4. Lisichansk TENS	48-56	38-28	74	74	74	74	74	74	74	74	74	74	74
5. Lisichansk TENS 2	48-56	38-28	150	150	150	150	150	150	150	150	150	150	150
6. Makeyevka TENS Kirov	48-03	37-57	50	50	50	50	50	50	50	50	50	50	50
7. Mironovskaya GRES	48-29	38-15	500	500	500	500	500	500	500	500	500	500	500
8. Severodonetsk GRES	48-53	38-29	75	75	75	75	75	75	75	75	75	75	75
9. Severodonetsk TENS	48-57	38-28	296	296	296	296	296	296	296	296	296	296	296
10. Siderovka GRES	48-06	38-53	178	178	178	178	178	178	178	178	178	178	178
11. Slavyansk GRES	48-53	37-38	1,300	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100
12. Starobeshovo GRES	47-45	38-03	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300
13. Uglegorsk GRES	49-27	38-15	-	-	300	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
14. Voroshilovgrad GRES	48-44	39-14	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300
15. Voroshilovgrad TENS	48-35	39-20	48	48	48	48	48	48	48	48	48	48	48
16. Voroshilovsk TENS Yarmarsk	48-29	38-46	30	30	30	30	30	30	30	30	30	30	30
17. Zhdanov TENS Azovstal	47-06	37-35	50	50	50	50	50	50	50	50	50	50	50
18. Zhdanov TENS Il'ich	47-09	37-35	30	30	30	30	30	30	30	30	30	30	30
19. Zuyevka GRES	48-01	38-15	350	350	350	350	350	350	350	350	350	350	350
Total in Plants 24 MW and over			8,031	8,831	9,231	10,861	11,281	12,281	12,281	12,281	12,281	12,281	12,281

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III. South Economic Region		Coordinates		Estimated Capacity at End of Year (MW)									
		U	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Ukraine SSR													
C. Kharkov Power System													
1.	Kharkov GRES 2 Chuguyev	49-48	36-36	275	275	275	275	275	275	275	275	275	275
2.	Kharkov TETS 3	49-58	36-19	155	155	155	155	155	155	155	155	155	155
3.	Kharkov TETS 4	49-58	36-23	52	52	52	52	52	52	52	52	52	52
4.	Kharkov TETS 5			-	-	-	-	-	-	-	-	-	-
5.	Zeliv GRES	49-35	36-31	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400
Total in Plants 1 MW and over				2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852

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III. South Economic Region		Coordinates		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Ukraine SSR		N	E	Estimated Capacity at End of Year (MW)									
D. Kiev-Center Area													
1. Aleksandriya TETS	48-39	33-04		80	80	80	80	80	80				
2. Cherkassy TETS	49-26	32-04		240	240	240	240	240	240				
3. Chernigov Korsanol'sk TETS	51-28	31-13		100	100	100	100	205	205				
4. Chernobyl Nuclear AES	51-23	30-04		-	-	-	-	-	-				
5. Kanev GES	49-46	31-28		-	-	105	262	402	420				
6. Kiyev TETS 2	50-29	30-31		160	160	160	160	160	160				
7. Kiyev TETS 3	50-26	30-30		112	112	112	112	112	112				
8. Kiyev Darnitsa TETS 4	50-27	30-38		250	250	250	250	250	250				
9. Kiyev TETS 5	50-28	30-35		-	100	200	200	450	450				
10. Kiyev GES	50-27	30-32		370	370	370	370	370	370				
11. Kiyev Pump Storage	50-27	30-32		75	75	225	225	225	225				
12. Krutenchug TETS	49-04	33-25		150	150	250	250	250	250				
13. Krutenchug GES	49-04	33-55		625	625	625	625	625	625				
14. Ladyzhinsk GES	48-40	29-08		300	1,800	1,800	1,800	1,800	1,800				
15. Tripolskaya GES	50-70	30-46		1,200	1,500	1,800	1,800	1,800	1,800				
Total in Plants 24 MW and over				3,662	5,562	6,317	6,474	6,969	6,969				

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III. South Economic Region	Coordinates		Estimated Capacity at End of Year (MW)									
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Ukraine SSR												
E. South Area												
1. Kerch GRES Kamysh Burun	45-17	36-25	100	100	100	100	100	100				
2. Kherson TETS	46-40	32-39	100	100	100	100	100	100				
3. Nikolayev TETS	46-57	31-59	100	100	100	100	100	100				
4. Odessa TETS 1 Marti	46-31	30-44	37	37	37	37	37	37				
5. Odessa TETS 3	46-30	30-	200	200	200	200	200	200				
6. Sevastopol GRES 1 Inkerman	44-37	33-35	44	44	44	44	44	44				
7. Simferopol GRES	45-00	34-03	100	100	100	100	100	100				
Total in Plants 24 MW and over			681	681	681	681	681	681				

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III. South Economic Region				Estimated Capacity at End of Year (MW)										
Ukraine SSR		Coordinates		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
		N	E											
F. West-Southwest Area														
1.	Burshtyn GRES	49-16	24-38	2,400	2,400	2,400	2,400	2,400	2,400	2,400				
2.	Dashava TETS	49-15	24-01	24	24	24	24	24	24	24				
3.	Dobrotvor GRES	50-13	24-22	700	700	700	700	700	700	700				
4.	Kalush TETS	49-41	24-19	200	200	200	200	200	200	200				
5.	Lvov GRES	49-48	24-01	60	60	60	60	60	60	60				
6.	Tereblla Rukskaya GES	48-07	23-28	27	27	27	27	27	27	27				
Total				3,411	3,411	3,411	3,411	3,411	3,411	3,411				
Moldavia SSR														
1.	Beltsy TETS	47-45	27-54	32	32	32	32	32	32	32				
2.	Dubossary GES	47-17	29-06	48	48	48	48	48	48	48				
3.	Kishinev TETS	47-02	28-51	60	60	60	60	60	60	60				
4.	Kishinev TETS 2			-	-	-	-	-	-	-				
5.	Moldavian GRES	46-37	29-56	1,400	1,600	1,600	1,800	2,000	2,000	2,000				
Total in Plants 24 MW and over				1,540	1,740	1,740	1,940	2,140	2,140	2,140				
Small Plants				142	152	155	144	140	140	140				
Total Capacity — Moldavia SSR				1,682	1,892	1,895	2,084	2,280	2,280	2,280				

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IV. North Caucasus Economic Region		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
		Estimated Capacity at End of Year (MW)										
<u>Summary</u>												
A.	Rostov Power System	2,584	2,860	3,160	3,160	3,320	3,320					
B.	Other Power Systems	3,163	3,192	3,450	3,570	4,120	5,470					
Total in plants 24 MW and over		5,747	6,052	6,610	6,730	7,440	8,790					
Small plants		822	828	835	810	810	760					
Total Capacity -- North Caucasus		6,569	6,880	7,445	7,540	8,250	9,550					

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IV. North Caucasus Economic Region			Estimated Capacity at End of Year (MW)									
Coordinates												
N	E		1970	1971	1972	1973	1974	1975	1976	1977	1978	1980
A. Rostov Power System												
1. Kamensk TETS	48-19	40-15	112	124	124	124	124	124				
2. Nesvetay GRES	47-52	40-01	312	312	312	312	312	312				
3. Novochebask GRES	47-28	40-10	1,800	2,100	2,400	2,400	2,400	2,400				
4. Rostov TETS	47-13	39-44	30	30	30	30	30	30				
5. Rostov TETS 2	47-13	39-44	-	-	-	-	160	160				
6. Shakhly GRES Artem	47-46	40-18	90	90	90	90	90	90				
7. Tsimlyansk GRES	47-36	42-07	204	204	204	204	204	204				
Total in Plants			2,548	2,860	3,160	3,160	3,320	3,320				
24 MW and over												

IV. North Caucasus Economic Region		Estimated Capacity at End of Year (MW)									
		Coordinates		1970		1971		1972		1973	
		N	E								
B. All Others											
1. Amavir TETS		45-00	41-08	24	24	24	24	24	24	24	24
2. Baksan GES		43-39	43-24	25	25	25	25	25	25	25	25
3. Belorechensk GES		44-48	39-48	48	48	48	48	48	48	48	48
4. Chirkeysk GES		42-58	46-53	-	-	-	-	-	-	1,000	1,000
5. Chiriyut GES 1 & 2		43-09	46-51	81	81	81	81	81	81	81	81
6. Ezmin GES		42-51	44-38	45	45	45	45	45	45	45	45
7. Gizeldon GES		42-54	44-28	24	24	24	24	24	24	24	24
8. Grozny TETS		43-18	45-40	62	62	62	62	62	62	62	62
9. Grozny TETS 2		43-16	45-38	307	307	307	307	307	307	307	307
10. Grozny TETS 3		43-20	45-42	100	100	100	100	100	100	100	100
11. Krasnaya Polyana GES		43-41	40-12	29	29	29	29	29	29	29	29
12. Krasnodar TETS		45-13	39-35	850	850	850	850	850	850	850	850
13. Krasnodar GES		45-01	38-59	45	45	45	45	45	45	45	45
14. Kurshava GES #1		44-16	42-28	40	40	40	40	40	40	40	40
15. Kurshava GES #2		44-20	42-30	184	184	184	184	184	184	184	184
16. Kuban GES #3		44-33	42-15	-	29	29	29	29	29	29	29
17. Kuban GES #4		44-35	42-06	75	75	75	75	75	75	75	75
18. Makhachkala TETS		42-53	47-39	36	36	36	36	36	36	36	36

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Coordinates		Estimated Capacity at End of Year (MW)									
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1980
IV. North Caucasus Economic Region											
	N										
	E										
19. Nevinnomyssk GES	44-39	41-55	1,110	1,110	1,310	1,430	1,430	1,430			
20. Novorossiysk GES	44-43	37-47	24	24	24	24	24	24			
21. Pyatigorsk TETS	44-06	42-56	24	24	24	24	24	24			
22. Stavropol GES	45-03	41-58	-	-	-	-	300	300			
23. Yegorlyk GES	45-00	41-42	30	30	30	30	30	30			
Total in Plants			3,163	3,192	3,450	3,570	4,120	4,120			
24 MW and over											

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V. Transcaucasus Economic Region		Estimated Capacity at End of Year (MW)						
		1970	1971	1972	1973	1974	1975	1976
Summary								
A. Armenia SSR		1,707	2,122	2,297	2,270	2,470	2,720	
B. Azerbaijan SSR		2,741	2,840	2,910	2,890	2,940	2,990	
C. Georgia SSR		2,064	2,467	2,712	2,725	2,725	2,725	
Total Capacity --								
Transcaucasus		6,512	7,429	7,919	7,895	8,135	8,435	
Economic Region								

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V. Transcaucasus Economic Region			Estimated Capacity at End of Year (MW)									
			Coordinates		1970	1971	1972	1973	1974	1975	1976	1977
			N	E								
A. Armenia SSR												
1.	Armenian AES	40-10	44-09		-	-	-	-	-	-	-	-
2.	Arzni GES	40-17	44-35		70	70	70	70	70	70	70	70
3.	Atarbekyan GES	40-32	44-46		82	82	82	82	82	82	82	82
4.	Dzora GES	40-57	44-38		25	25	25	25	25	25	25	25
5.	Gyumash GES	40-23	44-37		224	224	224	224	224	224	224	224
6.	Kanaker GES	40-13	44-31		102	102	102	102	102	102	102	102
7.	Kirovakan TENS	40-48	44-30		49	49	49	49	49	49	49	49
8.	Ozernaya Sevan GES	40-33	44-58		34	34	34	34	34	34	34	34
9.	Razdan TENS	40-31	44-46		300	300	300	300	300	300	300	300
10.	Razdan GES	44-34	44-45		-	400	600	600	800	1,000	1,000	1,000
11.	Shambakaya GES	39-28	46-10		-	-	-	-	-	-	-	-
12.	Tatev GES	39-26	46-22		157	157	157	157	157	157	157	157
13.	Yerevan GES	40-12	44-30		44	44	44	44	44	44	44	44
14.	Yerevan TENS	40-11	44-30		550	550	550	550	550	550	550	550
Total in Plants 24 MW and over					1,637	2,037	2,237	2,237	2,437	2,637	2,637	2,637
Small Plants					70	85	60	33	33	33	33	33
Total Capacity -- Armenia SSR					1,707	2,122	2,297	2,270	2,470	2,670	2,670	2,670



Confidential

V. Transcaucasus Economic Region			Estimated Capacity at End of Year (MW)									
			Coordinates									
			N	E	1970	1971	1972	1973	1974	1975	1976	1977
B. Azerbaijan SSR												
1. Ali Bayramly GES	39-56	48-54			1,080	1,080	1,080	1,080	1,080	1,080		
2. Araks GES Nakhichivan	39-33	47-37			-	22	22	22	22	22		
3. Azerbaijan GES	40-46	47-02			-	-	-	-	-	-		
4. Baku Krasnaya Zvezda TETS 1	40-22	49-55			109	109	109	109	159	209		
5. Baku Krassin GES	40-20	49-51			92	92	92	92	92	92		
6. Baku Novo Bakinskiy TETS 2	40-25	49-50			36	36	36	36	36	36		
7. Baku Severnaya GES	40-23	49-52			318	318	318	318	318	318		
8. Kirovabad TETS	40-41	46-22			100	100	100	100	100	100		
9. Mingachaur GES	40-47	47-02			359	359	359	359	359	359		
10. Neftyanne Kamli TETS	40-15	50-51			30	30	30	30	30	30		
11. Sumgait TETS 1	40-36	49-38			450	450	450	450	450	450		
12. Sumgait TETS 2	40-36	49-38			100	160	220	220	220	220		
13. Tertter GES	40-23	47-00			-	-	-	-	-	-		
Total in Plants 22 MW and over					2,674	2,756	2,816	2,815	2,866	2,816		
Small Plants					67	84	94	74	74	74		
Total Capacity -- Azerbaijan SSR					2,741	2,840	2,910	2,890	2,940	2,890		

- 28 -

Confidential

V. Transcaucasus Economic Region

	Coordinates		Estimated Capacity at End of Year (MW)							
	N	E	1970	1971	1972	1973	1974	1975	1976	1977
C. Georgia SSR										
1. Gurati GES 1	42-18	42-42	44	44	44	44	44	44		
2. Gurati GES 2	42-20	42-45	23	23	23	23	23	23		
3. Inguri GES	42-47	42-02	-	-	-	-	-	-		
4. Ladzhanur GES	42-40	42-46	112	112	112	112	112	112		
5. Perepadnaya GES 1	42-39	41-35	-	220	220	220	220	220		
6. Perepadnaya GES 2	42-38	41-33	-	20	40	40	40	40		
7. Perepadnaya GES 3	42-38	41-32	-	-	40	40	40	40		
8. Perepadnaya GES 4	42-37	41-30	-	-	20	40	40	40		
9. Rioni GES	42-12	42-44	48	48	48	48	48	48		
10. Rustavi TENS	41-32	45-02	150	150	150	150	150	150		
11. Shaori GES	42-16	42-42	38	38	38	38	38	38		
12. Sukhumi GES	43-00	41-02	20	20	20	20	20	20		
13. Tbilisi GES	41-28	42-05	960	1,120	1,280	1,280	1,280	1,280		
14. Tkibuli GES	42-22	42-59	80	80	80	80	80	80		
15. Tkvarcheli Shakhata GES	42-50	41-44	28	28	28	28	28	28		
16. Tkvarcheli GES	42-50	41-41	125	125	125	125	125	125		
17. Tsalka Khram GES 1	41-33	44-07	113	113	113	113	113	113		

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V. Transcaucasus Economic Region			Estimated Capacity at End of Year (MW)									
Coordinates												
N E			1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
18. Tsalkz Khram GES 2	41-32	44-15	110	110	110	110	110	110	110	110	110	110
19. Vartsikh GES #1			-	-	-	-	-	-	-	-	-	-
20. Zero Avchala GES	41-50	44-46	36	36	36	36	36	36	36	36	36	36
21. Zhinvali GES			-	-	-	-	-	-	-	-	-	-
Total in Plants 24 MW and over			1,887	2,297	2,527	2,547	2,547	2,547	2,547	2,547	2,547	2,547
Small Plants			177	180	185	178	173	173	173	173	173	173
Total Capacity -- Georgia SSR			2,064	2,467	2,712	2,725	2,725	2,725	2,725	2,725	2,725	2,725

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VI. Volga Economic Region

		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Summary		Estimated Capacity at End of Year (MW)										
A.	Bashkir ASSR	3,247	3,647	3,947	4,247	4,247	4,482					
B.	Kuybyshev Oblast	3,951	4,251	4,251	4,251	4,251	4,251					
C.	Saratov Oblast	2,150	2,195	2,195	2,195	2,195	2,195					
D.	Tatar ASSR	2,742	3,202	3,562	3,822	3,922	4,022					
E.	Volgograd Oblast	3,617	3,717	3,817	3,867	4,002	4,102					
F.	Others (Astrakhan, Penza, Ulyanovsk Obl)	473	473	533	633	633	633					
Total in Plants 24 MW and over		16,180	17,485	18,305	19,015	19,250	19,685					
Small Plants		1,210	1,220	1,230	1,180	1,135	1,170					
Total Capacity -- Volga Economic Region		17,390	18,705	19,535	20,195	20,435	20,855					

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VI. Volga Economic Region		Coordinates		Estimated Capacity at End of Year (MW)						
		N	E	1970	1971	1972	1973	1974	1975	1976
A. Bashkir ASSR										
1. Karamovo GES		56-15	54-35	900	1,230	1,500	1,800	1,900	1,900	
2. Kurnatau TETS		52-47	55-47	197	197	197	197	197	197	
3. Novo Salavat TETS		53-21	55-55	200	300	300	300	300	435	
4. Pavlovsk Jfa GES		55-24	56-34	166	166	166	166	166	166	
5. Salavat TETS		52-23	55-45	354	354	354	354	354	354	
6. Sterlitamak TETS 1		53-38	55-57	511	511	511	511	511	511	
7. Sterlitamak TETS 2		53-38	55-57	-	-	-	-	-	100	
8. Ufa TETS 1		54-44	55-56	82	82	82	82	82	82	
9. Ufa TETS 2		54-50	56-05	258	258	258	258	258	258	
10. Ufa TETS 3		54-51	56-03	139	139	139	139	139	139	
11. Ufa TETS 4		54-55	56-04	440	440	440	440	440	440	
Total in Plants 24 MW and over				3,247	3,647	3,947	4,247	4,247	4,482	

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VI. Volga Economic Region		Coordinates		Estimated Capacity at End of Year (MW)							
		N	E	1970	1971	1972	1973	1974	1975	1976	1977
<b>B. Kuybyshev Oblast</b>											
1. Kuybyshev TETS Bezimyanka	53-12	50-06		150	150	150	150	150	150		
2. Kuybyshev GES	53-12	50-06		52	52	52	52	52	52		
3. Novo Kuybyshev TETS 1	53-07	49-56		255	255	255	255	255	255		
4. Novo Kuybyshev TETS 2	53-07	49-56		400	500	500	500	500	500		
5. Syzran TETS	53-04	48-24		74	74	74	74	74	74		
6. Tolyatti TETS 1	53-33	49-27		400	400	400	400	400	400		
7. Tolyatti TETS 2	53-31	49-20		320	520	520	520	520	520		
8. Volga GES im Lenin	53-26	49-29		2,300	2,300	2,300	2,300	2,300	2,300		
Total in Plants 24 MW and over				3,951	4,251	4,251	4,251	4,251	4,251		

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VI. Volga Economic Region		Coordinates		Estimated Capacity at End of Year (MW)									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
C. Saratov Oblast													
1. Balakovo TETS 4		51-59	47-47	300	300	300	300	300	300				
2. Engels TETS 3		51-28	46-55	100	100	100	100	100	100				
3. Saratov GRES		51-31	46-02	73	73	73	73	73	73				
4. Saratov TETS 1		51-30	45-58	37	37	37	37	37	37				
5. Saratov TETS 2		51-27	45-55	300	300	300	300	300	300				
6. Saratov TETS Krasnodar		51-27	45-57	25	25	25	25	25	25				
7. Saratov TETS 5				-	-	-	-	-	-				
8. Saratov GRES		52-03	47-48	1,315	1,360	1,360	1,360	1,360	1,360				
Total in Plants 24 MW and over				2,150	2,195	2,195	2,195	2,195	2,195				

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## VI. Volga Economic Region

Coordinates		Estimated Capacity at End of Year (MW)										
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
D. Tatar ASSR												
1.	Kama Vehicle TETS	55-42	52-30	-	-	-	120	220	320			
2.	Kazan TETS 1	55-45	49-08	80	80	80	80	80	80			
3.	Kazan TETS 2	55-51	49-04	325	325	325	325	325	325			
4.	Kazan TETS 3	55-52	48-57	-	60	120	260	260	260			
5.	Nizhne Kama TETS	55-36	51-47	300	300	400	400	400	400			
6.	Urussy GRES	54-36	53-23	237	237	237	237	237	237			
7.	Zainsk GRES	55-17	52-02	1,800	2,200	2,400	2,400	2,400	2,400			
Total in Plants 24 MW and over				2,742	3,202	3,562	3,822	3,922	4,022			

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VI. Volga Economic Region	Coordinates		Estimated Capacity at End of Year (MW)									
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
E. Volgograd Oblast												
1. Kamyshin TETS	50-07	45-24	136	136	136	136	136	136				
2. Volgograd GRES	48-34	44-27	290	290	290	340	340	340				
3. Volgograd TETS 2	48-31	44-36	400	400	400	400	400	400				
4. Volgograd TETS 3			-	-	-	-	-	-	100			
5. Volga GRES im. 22nd Party Cong.	48-50	44-40	2,541	2,541	2,541	2,541	2,541	2,541				
6. Volzhsk TETS	48-49	44-44	250	350	450	450	585	585				
Total in Plants 24 MW and over			3,617	3,717	3,817	3,867	4,002	4,102				
F. Others (Astrakhan, Penza, Ulyanovsk Oblasts)												
1. Astrakhan GRES	46-23	48-05	140	140	140	140	140	140				
2. Melekess AES	54-13	49-36	50	50	50	50	50	50				
3. Penza Municipal TETS	53-13	45-01	87	87	87	87	87	87				
4. Penza TETS 1	53-10	45-01	124	124	124	124	124	124				
5. Penza TETS 2	53-09	45-01	24	24	24	24	24	24				
6. Ulyanovsk TETS 1	54-19	48-22	48	48	48	48	48	48				
7. Ulyanovsk TETS 2	54-20	48-24	-	-	60	160	160	160				
Total in Plants 24 MW and over			473	473	533	633	633	633				

VII. Central Economic Region												
		Estimated Capacity at End of Year (MM)										
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
<u>Summary</u>												
A.	Central Region	15,526	16,299	17,629	19,592	20,430	21,630					
B.	Volga-Vyatsk Region	3,018	3,016	3,019	3,060	3,060	3,110					
C.	Central-Black Earth Region	2,183	2,600	3,040	3,020	3,020	3,120					
Total -- Central Economic Region		<u>20,727</u>	<u>21,915</u>	<u>23,688</u>	<u>25,672</u>	<u>26,510</u>	<u>27,860</u>					

VII. Central Economic Region		Coordinates		Estimated Capacity at End of Year (MW)									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1980
A. Central Region													
a. Moscow Power System*													
1. Moscow TENS 1 Smidovich		55-45	37-38	110	110	110	110	110	110				
2. Moscow TENS 2 Tramvaynaya		55-45	37-37	35	35	35	35	35	35				
3. Moscow TENS 8		55-43	37-42	25	25	25	25	25	25				
4. Moscow TENS 9 VII		55-42	37-39	250	250	250	250	250	250				
5. Moscow TENS 11		55-45	37-44	300	300	300	300	300	300				
6. Moscow TENS 12 Frunze		55-44	37-34	312	312	312	312	312	312				
7. Moscow TENS 16 Leningrad		55-47	37-30	300	300	300	300	300	300				
8. Moscow TENS 20 Kaluzhskaya		55-42	37-35	660	680	680	680	680	680				
9. Moscow TENS 21 Khovrinsk		55-50	37-30	600	600	600	600	850	850				
10. Moscow TENS 22 Lyubertsy		55-41	37-54	500	750	1,000	1,250	1,250	1,250				
11. Moscow TENS 23 Izmailov		55-49	37-46	400	400	400	400	400	650				
12. Moscow TENS 25 Kuntsevo		55-44	37-26	-	-	-	-	-	250				
13. Moscow TENS 21L		55-42	37-39	75	75	75	75	75	75				
14. Moscow Skhodnenskaya GES		55-50	37-26	29	29	29	29	29	29				

\* Includes Moscow, Ryazan and Tula Oblasts.

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VII. Central Economic Region		Coordinates		Estimated Capacity at End of Year (MW)									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
A. Central Region													
a. Moscow Power System*													
15. Aleksin TETS 15	54-30	37-02		150	150	150	150	150	150				
16. Cherepet GRES 19	54-08	36-30		1,500	1,500	1,500	1,500	1,500	1,500				
17. Dyagilev TETS	54-39	39-37		-	-	-	-	-	60				
18. Ivankovo GES	56-44	37-07		30	30	30	30	30	30				
19. Kashira GRES 4	54-51	38-15		1,178	1,178	1,178	1,178	1,478	1,778				
20. Klasson GRES 3	55-53	38-47		71	71	71	71	71	71				
21. Klin TETS	56-20	36-43		30	30	30	30	30	30				
22. Novorostovsk GRES 10	54-05	38-14		435	435	435	435	435	435				
23. Novo Ryazan TETS	54-34	39-45		400	400	500	600	600	600				
24. Orekhovo Zuyevov TETS 6	55-48	39-01		50	50	50	50	50	50				
25. Ramenskoye Tsagi TETS	55-36	38-08		100	100	100	100	100	100				
26. Ryazan GRES	54-03	39-49		-	-	-	900	1,200	1,200				
27. Rybinsk GES	58-05	38-49		330	330	330	330	330	330				
28. Shatsk Gas Turbine Plant	54-02	41-43		24	24	24	24	24	24				
29. Shatura GRES 5	55-35	39-34		132	332	532	732	732	732				
30. Stchekino GRES 18	53-57	37-39		1,040	1,040	1,040	1,040	1,040	1,040				

\* Includes Moscow, Ryazan and Tula Oblasts.

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VII. Central Economic Region		Coordinates		Estimated Capacity at End of Year (MW)									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1980
A. Central Region													
a. Moscow Power System*													
31. Shchekino TETS	54-01	37-31		120	120	120	120	120	120				
32. Stupino TETS 17	54-31	38-10		275	275	275	275	275	275				
33. Tula TETS	54-09	37-43		50	50	50	50	50	50				
34. Uglich GES	57-31	38-18		110	110	110	110	110	110				
35. Vladimir TETS 2	56-10	40-25		133	133	233	333	333	333				
Total -- Moscow Power System --				9,754	10,224	10,874	12,424	13,274	14,134				
Plants 24 MW and over													

\* Includes Moscow, Ryazan and Tula Oblasts.

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## VII. Central Economic Region

	Coordinates N E	Estimated Capacity at End of Year (MW)									
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
A. Central Region											
b. Others*											
1. Bezhitsa TETS	53-18 34-20	44	44	44	44	44	44				
2. Bryansk GRES Belye Berega	53-13 34-40	82	82	82	82	82	82				
3. Dorogobuzh GRES	54-59 33-23	200	200	200	200	200	200				
4. Ivanovo GRES	57-01 40-23	134	134	134	134	134	134				
5. Ivanovo TETS 2	57-00 41-00	150	150	150	150	150	150				
6. Kalinin TETS 3	56-54 35-55	-	-	-	60	60	160				
7. Kalinin TETS 4	56-51 35-58	100	100	100	100	100	100				
8. Knaakovo GRES	56-42 36-46	2,400	2,400	2,400	2,400	2,400	2,400				
9. Kostroma GRES	57-28 41-10	1,200	1,500	2,100	2,400	2,400	2,400				
10. Kostroma TETS	57-47 40-55	-	-	-	-	-	60				
11. Orel TETS	52-59 36-06	32	32	32	32	32	32				
12. Smolensk TETS 2	54-48 32-03	-	-	60	160	160	160				
13. Smolensk GRES	55-12 32-25	-	-	-	-	-	200				
14. Yaroslavl Yarak TETS 1	57-39 39-53	250	250	250	250	250	250				
15. Yaroslavl TETS 2	57-39 39-50	150	150	150	150	150	150				
16. Yaroslavl TETS 3	57-33 39-46	320	320	320	320	320	320				
17. Yaroslavl Municipal GRES	57-37 39-57	36	36	36	36	36	36				
Total -- Others -- Plants 24 MW and over		5,098	5,398	6,058	6,518	6,518	6,878				

\* Includes Bryansk, Ivanovo, Kalinin, Kaluga, Kostroma, Orel, Smolensk, Vladimir, and Yaroslavl Oblasts.

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VII. Central Economic Region	Coordinates		Estimated Capacity at End of Year (MW)									
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
A. <u>Central Region</u>												
Total in Plants 24 MW and over			14,852	15,622	16,932	18,942	19,792	21,012				
Small Plants			674	677	697	650	638	618				
Total Capacity -- Central Region			15,526	16,299	17,629	19,592	20,430	21,630				

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I. Central Economic Region													
		Estimated Capacity at End of Year (MW)											
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1980
B. Volga-Vyatsk Region													
1.	Cheboksary TETS	56-09	47-15	24	24	24	24	24	24	24			
2.	Cheboksary GES			-	-	-	-	-	-	-			
3.	Dzerzhinsk TETS Igumovo	56-15	43-37	200	200	200	200	200	200	200			
4.	Dzerzhinsk TETS	56-14	43-31	100	100	100	100	100	100	100			
5.	Gorkiy TETS GAZ	56-15	43-54	149	149	149	149	149	149	149			
6.	Gorkiy Novogorkiy TETS	56-10	44-10	240	240	240	240	240	240	240			
7.	Gorkiy GES Balakina	56-30	43-35	459	459	459	459	459	459	459			
8.	Gorkovskaya GES	56-39	43-23	520	520	520	520	520	520	520			
9.	Kirov TETS 3 Chapetsk	58-34	50-00	198	198	198	198	198	198	198			
10.	Kirov TETS 4	58-37	49-26	339	339	339	339	339	339	339			
11.	Novo Cheboksary TETS 2	56-45	47-31	200	200	200	200	200	200	200			
12.	Saransk TETS 2	54-11	45-12	200	200	200	200	200	200	200			
13.	Sarova TETS	54-55	43-20	42	42	42	42	42	42	42			
14.	Somovsk TETS	56-22	43-50	-	-	-	50	50	50	100			
Total in Plants 24 MW and over				2,671	2,671	2,671	2,721	2,721	2,721	2,771			
Small Plants				347	345	348	339	339	339	339			
Total Capacity -- Volga-Vyatsk Region				3,018	3,016	3,019	3,060	3,060	3,060	3,110			

- 43 -



Confidential

## VII. Central Economic Region

	Coordinates		Estimated Capacity at End of Year (MW)									
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
<u>C. Central-Black Earth Region</u>												
1. Gubkin TETS	51-17	37-32	48	48	43	48	48	48				
2. Kotovsk GRES	52-36	41-31	48	48	48	48	48	48				
3. Kursk TETS 1	51-39	36-08	207	207	207	207	207	207				
4. Kursk AES	51-39	35-36	-	-	-	-	-	-				
5. Lipetsk TETS	52-33	39-36	224	224	224	224	224	224				
6. Novo Lipetsk TETS	52-33	39-36	-	-	-	-	-	-				
7. Novo Voronezh AES	51-18	39-13	575	1,015	1,455	1,455	1,455	1,455				
8. Tambov TETS	52-45	41-28	150	150	150	150	150	150				
9. Voronezh TETS 1	51-38	39-14	195	195	195	195	195	195				
10. Voronezh TETS 2	51-41	39-09	100	100	100	100	100	100				
Total in Plants 24 MW and over			1,547	1,987	2,427	2,427	2,427	2,427				
Small Plants			636	613	613	593	593	593				
Total Capacity -- Central-Black Earth Region			2,183	2,600	3,040	3,020	3,020	3,020				

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VIII. Urals Economic Region

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
<u>Summary</u>											
A. Chelyabinsk Oblast	4,321	4,321	4,321	4,321	4,821	4,821					
B. Orenburg Oblast	1,223	1,523	2,173	2,283	2,703	2,703					
C. Perm Oblast	2,184	2,396	2,396	2,396	2,396	2,396					
D. Sverdlovsk Oblast	5,791	6,391	6,691	6,691	6,991	7,391					
E. Udmurt Oblast	1,166	1,166	1,166	1,166	1,166	1,166					
F. Kurgan Oblast	275	275	275	275	275	275					
Total in Plants 24 MW and over	14,960	16,072	17,022	17,132	18,352	18,752					
Small Plants	2,740	873	828	823	818	809					
Total Capacity -- Urals Region	17,700	16,945	17,850	17,955	19,170	19,560					

## VIII. Urals Region

	Coordinates		Estimated Capacity at End of Year (MW)									
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
<b>A. Chelyabinsk Oblast</b>												
1. Argayash TETS	55-39	60-46	250	250	250	250	250	250				
2. Chelyabinsk GRES	55-12	61-24	132	132	132	132	132	132				
3. Chelyabinsk TETS Bakal	55-15	61-27	200	200	200	200	200	200				
4. Chelyabinsk TETS 1	55-08	61-29	329	329	329	329	329	329				
5. Chelyabinsk TETS 2	55-09	61-29	400	400	400	400	400	400				
6. Magnitogorsk TETS 1	53-26	59-02	223	223	223	223	223	223				
7. Magnitogorsk TETS 3	53-24	59-02	250	250	250	250	250	250				
8. Troitsk GRES	54-06	61-34	1,500	1,500	1,500	1,500	2,000	2,000				
9. Yuryuzan GRES	54-51	58-26	37	37	37	37	37	37				
10. Yuzhouralsk GRES	54-27	61-15	1,000	1,000	1,000	1,000	1,000	1,000				
Total in plants 24 MW and over			<u>4,321</u>	<u>4,321</u>	<u>4,321</u>	<u>4,321</u>	<u>4,821</u>	<u>4,821</u>				

VIII. Urals Region		Coordinates		Estimated Capacity at End of Year (MW)							
		N	E	1970	1971	1972	1973	1974	1975	1976	1977
B. Orenburg Oblast											
1. Irikhinsk GES		51-45	58-48	600	900	1,500	1,500	1,800	1,800		
2. Irikhinsk GES		51-41	58-38	30	30	30	30	30	30		
3. Kargalinsk TENS		51-57	55-11	-	-	-	60	180	180		
4. Orsk TENS 1		51-15	58-31	375	375	375	375	375	375		
5. Orsk TENS Novo Troitsk		51-13	58-22	98	98	98	98	98	98		
6. Sakmara TENS		51-50	55-05	120	120	170	220	220	220		
Total in Plants 24 MW and over				1,223	1,523	2,173	2,283	2,703	2,703		

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VIII. Urals Economic Region				Estimated Capacity at End of Year (MW)										
Coordinates		Estimated Capacity at End of Year (MW)												
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980		
N	E													
C. Perm Oblast														
1. Berezniuki TETS 2	59-23	56-53	173	185	185	185	185	185	185	185	185	185	185	
2. Berezniuki TETS 4	59-24	56-44	117	117	117	117	117	117	117	117	117	117	117	
3. Chaykovskiy TETS	58-08	55-31	-	-	-	-	-	-	-	-	-	-	-	
4. Kama GES	58-07	56-20	504	504	504	504	504	504	504	504	504	504	504	
5. Kizel GES	58-52	57-33	117	117	117	117	117	117	117	117	117	117	117	
6. Perm TETS 9	57-56	56-09	220	220	220	220	220	220	220	220	220	220	220	
7. Perm TETS 14	58-01	55-53	150	150	150	150	150	150	150	150	150	150	150	
8. Shtrokovskaya GES	58-50	57-40	28	28	28	28	28	28	28	28	28	28	28	
9. Solikamsk TETS 11	59-49	56-40	100	300	300	300	300	300	300	300	300	300	300	
10. Yayva GES	59-20	57-15	500	600	600	600	600	600	600	600	600	600	600	
11. Zakamsk TETS 5	58-07	57-44	175	175	175	175	175	175	175	175	175	175	175	
Total in Plants 24 MW and over			2,184	2,396	2,396	2,396	2,396	2,396	2,396	2,396	2,396	2,396	2,396	

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I. Urals Economic Region		Coordinates		Estimated Capacity at End of Year (MW)									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1980
D. Sverdlovsk Oblast													
1. Beloyarsk AES	56-49	61-21		300	300	300	300	300	300				
2. Bogoslavsk TETS	59-47	60-11		292	292	292	292	292	292				
3. Kachkanar TETS	58-42	59-30		100	100	100	100	100	100				
4. Krasnogorsk TETS	56-22	61-59		314	314	314	314	314	314				
5. Nizhny Tagil Kaganovitch TETS	57-56	60-06		100	100	100	100	100	100				
6. Nizhny Tagil Metal. TETS	57-55	60-01		112	112	112	112	112	112				
7. Nizhnyaya Tura GRES	58-37	59-52		530	530	530	530	530	530				
8. Pervouralsk TETS	56-53	59-58		24	24	24	24	24	24				
9. Reft GRES	57-06	61-43		300	900	1,200	1,200	1,500	1,800				
10. Serov Tses	59-35	60-36		60	60	60	60	60	60				
11. Serov GRES	59-37	60-47		600	600	600	600	600	600				
12. Sredne Ural'sk GRES	57-00	60-28		1,360	1,360	1,360	1,360	1,360	1,360				
13. Sverdlovsk Uralmash TETS	56-52	60-36		28	28	28	28	28	28				
14. Sverdlovsk TETS 2	56-53	60-45		-	-	-	-	-	-				
15. Verkhne Tagil GRES	57-21	59-56		1,625	1,625	1,625	1,625	1,625	1,625				
16. Yegorshino GRES	57-20	61-54		46	46	46	46	46	46				
Total in Plants 24 MW and over				5,791	6,391	6,691	6,691	6,991	7,391				

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VIII. Urals Region			Estimated Capacity at End of Year (MW)											
Coordinates														
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	
<u>E. Udmurt Oblast</u>														
1. Glazov TЭС	58-09	52-40	70	70	70	70	70	70						
2. Izhevsk Tses	56-51	53-10	48	48	48	48	48	48						
3. Sarapul GRES	56-29	53-48	24	24	24	24	24	24						
4. Votkinsk GES	56-47	54-05	1,000	1,000	1,000	1,000	1,000	1,000						
5. Votkinsk TЭС	57-03	53-59	24	24	24	24	24	24						
Total in Plants 24 MW and over			1,166	1,166	1,166	1,166	1,166	1,166						
<u>F. Kurgan Oblast</u>														
1. Kurgan TЭС	55-26	65-20	275	275	275	275	275	275						

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IX. West Siberia Economic Region		Estimated Capacity at End of Year (MW)										
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
<u>Summary</u>												
A.	Kemerovo Oblast	4,266	4,266	4,366	4,366	4,466	4,466					
B.	Altai Krai	633	633	633	633	633	633					
C.	Novosibirsk Oblast	1,561	1,561	1,761	2,061	2,161	2,161					
D.	Omsk Oblast	792	892	992	992	992	1,092					
E.	Tomsk Oblast	974	974	974	974	974	974					
F.	Tyumen Oblast	350	474	674	1,074	1,274	1,674					
Total in Plants 24 MW and over*		9,576	9,800	10,400	11,100	11,500	12,000					
Small Plants		2,424	2,170	2,195	2,195	2,185	2,175					
Total -- West Siberia Economic Region		12,000	11,970	12,595	13,295	13,685	14,175					

\* Includes 1,000 MW at the Siberian nuclear powerplant, located somewhere in West Siberia.



IX. West Siberia Economic Region													
Coordinates		Estimated Capacity at End of Year (MW)											
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	
N	E												
A. Kemerovo Oblast													
1.	Belovo GRES	54-26	86-25	1,200	1,200	1,200	1,200	1,200	1,200				
2.	Kemerovo GRES	55-24	85-59	190	190	190	190	190	190				
3.	Kemerovo TETS	55-22	86-04	144	144	144	144	144	144				
4.	Ruznets TETS	53-46	87-15	253	253	253	253	253	253				
5.	Ruznets Metal. Omb TETS	53-46	87-05	132	132	132	132	132	132				
6.	Novo Kemerovo TETS	55-21	85-59	310	310	310	310	310	310				
7.	Ton Usinsk GRES	53-40	87-49	1,300	1,300	1,300	1,300	1,300	1,300				
8.	W. Sib. Metal. Omb TETS	53-54	87-15	160	160	260	260	360	360				
9.	Yurga TETS	55-42	84-51	30	30	30	30	30	30				
10.	Yuzhno Kuzbass GRES	53-31	87-16	547	547	547	547	547	547				
Total in Plants 24 MW and over				4,266	4,266	4,366	4,366	4,466	4,466				

IX. West Siberia Economic Region		Estimated Capacity at End of Year (MW)									
		Coordinates									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977
											1979
											1981
B. Altai Kray											
1.	Barnaul TETS 2	53-22	83-46	370	370	370	370	370	370	370	370
2.	Blysk TETS	52-31	85-10	230	230	230	230	230	230	230	230
3.	Rubtsovsk TETS	51-32	81-12	33	33	33	33	33	33	33	33
Total in Plants 24 MW and over				633	633	633	633	633	633	633	633
C. Novosibirsk Oblast											
1.	Barabinsk GES	55-27	78-22	200	200	200	200	200	200	200	200
2.	Novosibirsk GES	54-51	83-00	424	424	424	424	424	424	424	424
3.	Novosibirsk TETS 2	55-00	82-52	325	325	325	325	325	325	325	325
4.	Novosibirsk TETS 3	55-00	82-50	200	200	400	700	800	800	800	800
5.	Novosibirsk TETS 4	55-06	82-59	412	412	412	412	412	412	412	412
Total in Plants 24 MW and over				1,561	1,561	1,761	2,061	2,161	2,161	2,161	2,161

Confidential

IX. West Siberia Economic Region													
Coordinates			Estimated Capacity at End of Year (MW)										
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	
D. Omsk Oblast													
1. Omsk TETS 2	54-56	73-24	90	90	90	90	90	90					
2. Omsk TETS 3	55-04	73-16	452	452	452	452	452	452					
3. Omsk TETS 4	55-06	82-59	250	350	450	450	450	550					
4. Omsk TETS 5			-	-	-	-	-	-					
Total in Plants 24 MW and over			792	892	992	992	992	1,092					
E. Tomsk Oblast													
1. Tomsk North	56-37	84-48	650	650	650	650	650	650					
2. Tomsk GRES 2	56-28	84-60	324	324	324	324	324	324					
Total in Plants 24 MW and over			974	974	974	974	974	974					
F. Tyumen Oblast													
1. Surgut TETS	61-14	73-20	-	24	24	24	24	24					
2. Surgut GRES	61-14	73-20	-	-	200	600	800	1,200					
3. Tyumen TETS	57-09	65-36	350	450	450	450	450	450					
Total in Plants 24 MW and over			350	474	674	1,074	1,274	1,674					

- 54 -

Confidential

X. Central Asia Economic Region		Estimated Capacity at End of Year (MW)									
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
<u>Summary</u>											
A.	Kazakh SSR	8,760	9,155	9,301	9,814	10,630	11,200				
B.	Uzbek SSR	4,742	5,200	5,637	5,935	6,345	6,640				
C.	Kirgiz SSR	952	935	1,015	1,015	1,015	2,210				
D.	Tadzhik SSR	852	842	1,502	1,800	1,800	1,800				
E.	Turkmen SSR	682	663	660	1,051	1,051	1,245				
Total		15,988	16,795	18,115	19,615	20,841	23,095				

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X. Central Asia Economic Region			Estimated Capacity at End of Year (MW)									
Coordinates												
N E			1970	1971	1972	1973	1974	1975	1976	1977	1978	1980
A. Kazakh SSR												
1. Aktyubinsk Ferro TETS	50-20	57-09	146	146	146	146	146	146				
2. Alma Ata TETS 1	43-13	76-56	137	197	197	197	197	197				
3. Alma Ata TETS 2			-	-	-	-	-	-				
4. Alma Ata GES	43-26	77-00	200	200	200	200	200	200				
5. Arkalyk TETS	50-13	66-50	50	50	50	50	50	50				
6. Atasuyskaya TETS	48-33	71-35	25	25	25	1	25	25				
7. Balkhash TETS	46-50	74-58	160	160	160	160	160	160				
8. Bukhtarma GES	49-36	83-32	675	675	675	675	675	675				
9. Chardarinsk GES	41-17	67-55	100	100	100	100	100	100				
10. Dzhambul GES	42-51	71-29	600	600	600	600	600	800				
11. Dzhambul TETS 4	42-54	71-23	50	50	50	50	50	50				
12. Dzhezkazgan TETS	47-47	67-44	260	260	260	260	260	260				
13. Ekibastuz TETS	51-40	75-22	18	18	24	30	36	36				
14. Guryev TETS	47-06	51-57	99	99	99	99	159	159				
15. Kapchagay GES	43-55	77-53	217	434	434	434	434	434				
16. Karaganda GES 1	50-05	72-55	243	243	243	243	243	243				
17. Karaganda GES 2	49-31	72-49	700	700	700	700	700	700				
18. Karaganda TETS 1	49-50	73-46	36	36	36	36	36	36				
19. Karaganda Metal. TETS	50-03	73-02	150	150	150	150	150	150				

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X. Central Asia Economic Region													
		Coordinates		Estimated Capacity at End of Year (MW)									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
A. <u>Kazakh SSR</u>													
20.	Karaganda Metal. TENS 2	50-03	73-02	-	-	-	100	200	250				
21.	Kantau TENS	43-31	68-34	48	48	48	48	48	48				
22.	Kzyl-Orda TENS	44-52	65-27	74	74	74	74	124	124				
23.	Leninogorsk TENS 2	50-21	83-29	100	100	100	100	100	100				
24.	Pavlodar TENS 1	52-18	76-56	270	270	270	270	270	270				
25.	Pavlodar TENS 2	52-17	76-58	200	200	200	200	200	200				
26.	Pavlodar TENS 3	52-17	76-57	-	-	120	170	170	270				
27.	Petropavlovsk TENS 1	54-55	69-10	100	100	100	100	100	100				
28.	Petropavlovsk TENS 2	54-55	69-12	470	470	470	470	770	470				
29.	Rubny TENS	52-57	63-07	100	100	100	100	100	100				
30.	Sogrinsk TENS	50-00	82-40	100	100	100	100	100	100				
31.	Tselinograd TENS 1	51-10	71-30	24	30	36	36	36	36				
32.	Tselinograd TENS 2	51-10	71-30	-	-	-	-	-	-				
33.	Ulbinsk GES	50-12	83-33	28	28	28	28	28	28				
34.	Ural'sk TENS	51-14	51-22	36	36	36	36	36	36				
35.	Ust Kamenogorsk GES	49-54	82-44	331	331	331	331	331	331				

- 57 -

Confidential

X. Central Asia Economic Region		Estimated Capacity at End of Year (MW)														
	Coordinates	N		E		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
A. Kazakh SSR																
36. Ust Kamenogorsk TEES	49-56	82-36		275	275	275	275	275	275	275	275					
37. Yermakov GRES	52-07	76-52		900	1,200	1,200	1,200	1,500	2,100	2,400						
Total in Plants 24 MW and over				6,922	7,505	7,637	8,093	8,093	8,909	9,509						
Small Plants				1,838	1,650	1,664	1,721	1,721	1,721	1,691						
Total -- Kazakh SSR				8,760	9,155	9,301	9,814	9,814	10,630	11,200						

Confidential

X. Central Asia Economic Region			Estimated Capacity at End of Year (MW)									
Coordinates			1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
N E												
B. Uzbek SSR												
1. Akkavskaya GES	41-27	69-33	35	35	35	35	35	35	35	35	35	35
2. Almalıy TETS	40-49	69-38	24	24	24	24	24	24	24	24	24	24
3. Angren GES	41-00	70-08	600	600	600	600	600	600	600	600	600	600
4. Charvak GES	41-37	69-58	150	450	600	600	600	600	600	600	600	600
5. Chirchik GES	41-30	69-37	84	84	84	84	84	84	84	84	84	84
6. Farkhad GES	40-13	69-09	126	126	126	126	126	126	126	126	126	126
7. Fergana TETS	40-27	71-48	230	230	230	230	230	230	230	230	230	230
8. KhodzhiKent GES			-	-	-	-	-	-	-	-	-	-
9. Kuvasay GES	40-17	72-00	36	36	36	36	36	36	36	36	36	36
10. Navoi GES	40-09	65-21	770	830	830	830	830	830	830	830	830	830
11. Syrdarinsk GES	40-13	69-06	-	-	300	600	900	1,200	1,200	1,200	1,200	1,200
12. Takhia Tash GES	42-21	59-35	258	258	258	258	368	368	368	368	368	368
13. Tashkent TETS	41-16	69-15	68	68	68	68	68	68	68	68	68	68
14. Tashkent GES	41-23	69-22	1,760	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920
15. Tavakskaya GES	41-34	69-40	72	72	72	72	72	72	72	72	72	72
Total in Plants 24 MW and over			4,213	4,733	5,183	5,483	5,893	6,193				
Small Plants			529	467	454	452	452	447				
Total -- Uzbek SSR			4,742	5,200	5,637	5,935	6,345	6,640				

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X. Central Asia Economic Region														
Coordinates			Estimated Capacity at End of Year (MW)											
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	
C. Kirgiz SSR														
1. At-Bashinsk GES	41-22	75-38	40	40	40	40	40	40						
2. Frunze TENS	42-52	74-44	460	460	520	520	520	520						
3. Osh TENS	40-32	72-48	50	50	50	50	50	50						
4. Tok Togul GES	41-45	72-45	-	-	-	-	-	1,200						
5. Uch Kurgan GES	41-11	72-10	180	180	180	180	180	180						
Total in Plants 24 MW and over			730	730	790	790	790	1,990						
Small Plants			222	205	225	225	225	220						
Total -- Kirgiz SSR			952	935	1,015	1,015	1,015	2,210						
D. Tadzhik SSR														
1. Dushanbe TENS	38-33	68-47	226	226	226	226	226	226						
2. Golovnaya GES	38-02	69-03	210	210	210	210	210	210						
3. Kairak Kum GES	40-17	69-49	126	126	126	126	126	126						
4. Nurek GES	38-13	69-25	-	-	600	900	900	900						
5. Perepadnaya GES	37-43	68-47	30	30	30	30	30	30						
6. Yavan TENS	38-19	69-02	120	120	180	180	180	180						
Total in Plants 24 MW and over			712	712	1,372	1,672	1,672	1,672						
Small Plants			140	130	130	128	128	128						
Total -- Tadzhik SSR			852	842	1,502	1,800	1,800	1,800						

- 60 -

Confidential

X. Central Asia Economic Region			Estimated Capacity at End of Year (MW)										
Coordinates			1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
N	E												
E. Turkmen SSR													
1.	Bezmein GRES	38-03 58-11	174	174	174	174	174	174	174				
2.	Chardzhou TETS	39-06 63-34	36	36	36	36	36	36	36				
3.	Krasnovodsk TETS 1	40-01 52-57	35	35	35	35	35	35	35				
4.	Krasnovodsk TETS 2	40-00 53-00	170	170	170	170	170	170	170				
5.	Mary GRES	37-34 61-45	-	-	-	400	400	600	600				
6.	Nebit Dag GRES	39-30 54-22	48	48	48	48	48	48	48				
Total in Plants 24 MW and over			463	463	463	863	863	1,063					
Small Plants			219	200	197	188	188	182					
Total -- Turkmen SSR			682	663	660	1,051	1,051	1,245					

Confidential

XI. East Siberia Economic Region		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
		Estimated Capacity at End of Year (MW)										
<u>Summary</u>												
A.	Irkutsk Oblast	7,094	7,194	7,244	7,344	8,114	9,124					
B.	Krasnoyarsk Oblast	8,475	9,601	9,890	9,990	9,990	10,090					
C.	Buryat ASSR	197	197	197	222	247	447					
D.	Chita Oblast	464	464	564	664	664	664					
Total in Plants 24 MW and over		16,230	17,456	17,895	18,220	19,015	20,325					
Small Plants		1,270	934	945	945	935	925					
Total -- East Siberia Economic Region		17,500	18,390	18,840	19,165	19,950	21,250					

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XI. East Siberia Economic Region														
Coordinates			Estimated Capacity at End of Year (MW)											
			1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	
N			E											
A. Irkutsk Oblast														
1. Baikalsk TETS	51-31	104-05	50	50	50	50	50	50	50	50	50	50	50	50
2. Bratsk TETS	56-00	101-00	100	100	150	200	200	200	200	200	200	200	200	200
3. Bratsk GES	56-18	101-47	4,100	4,100	4,100	4,100	4,100	4,100	4,100	4,100	4,100	4,100	4,100	4,100
4. Irkutsk GES	52-14	104-19	662	662	662	662	662	662	662	662	662	662	662	662
5. Irkutsk TETS 1	52-34	103-56	300	300	300	300	300	300	300	300	300	300	300	300
6. Irkutsk TETS 2	52-17	104-16	78	78	78	78	78	78	78	78	78	78	78	78
7. Irkutsk TETS 9 Ref.	52-13	103-54	300	300	300	350	350	350	350	350	350	350	350	350
8. Irkutsk TETS 10	52-30	103-55	1,180	1,180	1,180	1,180	1,180	1,180	1,180	1,180	1,180	1,180	1,180	1,180
9. Irkutsk TETS 11 Chem Comb.	52-45	103-40	250	350	350	350	350	350	350	350	350	350	350	350
10. Irkutsk GES	52-30	103-56	50	50	50	50	50	50	50	50	50	50	50	50
11. Koshunovo TETS	56-34	104-09	24	24	24	24	24	24	24	24	24	24	24	24
12. Novo Irkutsk TETS	52-17	104-14	-	-	-	-	-	-	-	-	-	-	-	-
13. Ust Ilinsk GES	57-42	102-35	-	-	-	-	-	-	-	-	-	-	-	-
14. Ust Ilinsk TETS	57-42	102-35	-	-	-	-	-	-	-	-	-	-	-	-
Total in Plants 24 MW and over			7,094	7,194	7,244	7,344	8,114	9,124						

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XI. East Siberia Economic Region			Estimated Capacity at End of Year (Mw)									
Coordinates			1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
N E												
B. Krasnoyarsk Krai												
1. Abakan TETS			-	-	-	-	-	-	-	-	-	-
2. Achinsk TENS	56-17	90-30	100	100	100	100	100	100	100	100	100	100
3. Khatanga GES	68-33	87-33	126	252	441	441	441	441	441	441	441	441
4. Krasnoyarsk TENS 1	56-02	93-03	434	434	434	534	534	534	534	534	534	534
5. Krasnoyarsk TENS 2			-	-	-	-	-	-	-	-	-	-
6. Krasnoyarsk GRES 2	56-09	94-29	660	660	660	660	660	660	660	660	660	660
7. Krasnoyarsk GES	56-19	93-36	5,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
8. Mayna TENS	53-02	91-25	30	30	30	30	30	30	30	30	30	30
9. Nazarovo GES	56-02	90-20	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
10. Norilsk TENS 1	69-22	88-11	525	525	525	525	525	525	525	525	525	525
11. Norilsk TENS 2 Talnakh	69-21	88-05	200	200	300	300	300	300	300	300	300	300
Total in Plants 24 MW and over			8,475	9,601	9,890	9,990	9,990	9,990	10,090	10,090	10,090	10,090

Confidential

XI. East Siberia Economic Region														
		Coordinates		Estimated Capacity at End of Year (MW)										
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
C. Buryat ASSR														
1.	Bayangol TETS	50-44	103-27	25	25	25	25	25	25					
2.	Guzirouzersk GRES	51-18	106-28	-	-	-	-	-	-	200				
3.	Ulan Ude TETS	51-50	107-37	172	172	172	197	222	222	222				
Total in Plants 24 MW and over				197	197	197	222	247	447					
D. Chita Oblast														
1.	Chita TETS	52-01	113-31	26	26	26	26	26	26	26				
2.	Chita GRES	52-02	113-25	320	320	420	520	520	520	520				
3.	Kholbon TETS	51-53	116-15	25	25	25	25	25	25	25				
4.	Nerchinsk- Tsurukhayuy TETS	50-24	119-06	36	36	36	36	36	36	36				
5.	Petrovsk- Zabaykalsk TETS	51-18	108-51	32	32	32	32	32	32	32				
6.	Sherlovaya Gora TETS	50-39	116-19	25	25	25	25	25	25	25				
Total in Plants 24 MW and over				454	454	564	664	664	664	664				

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XII. Far East Economic Region		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
		Estimated Capacity at End of Year (MW)										
Summary												
A. Amur Oblast		268	268	268	268	268	748					
B. Kamchatka Oblast		48	48	48	48	48	48					
C. Khabarovsk Kray		749	749	923	959	984	996					
D. Magadan Oblast		159	159	159	171	213	355					
E. Primorskiy Kray		1,076	1,076	1,126	1,126	1,226	1,326					
F. Sakhalin Oblast		188	328	378	378	378	403					
G. Yakutsk ASSR		512	537	562	562	562	642					
Total in Plants 24 MW and over		3,000	3,165	3,464	3,512	3,679	4,518					
Small Plants		1,500	1,425	1,436	1,458	1,461	1,457					
Total -- Far East Economic Region		4,500	4,590	4,900	4,970	5,140	5,975					

- 66 -

Confidential

Confidential

XII. Far East Economic Region		Coordinates		Estimated Capacity at End of Year (MW)									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
<u>A. Amur Oblast</u>													
1. Blagoveshchensk TETS	50-16	127-52	-	-	-	-	-	-	50	-	-	-	-
2. Reychikhiinsk TETS	49-47	129-26	268	268	268	268	268	268	268	-	-	-	-
3. Zeya GES	53-49	127-20	-	-	-	-	-	-	430	-	-	-	-
Total in Plants 24 MW and over			268	268	268	268	268	268	748	-	-	-	-
<u>B. Kamchatka Oblast</u>													
1. Petropavlovsk TETS	53-01	158-39	48	48	48	48	48	48	48	-	-	-	-
<u>C. Khabarovsk Krai</u>													
1. Amursk TETS 1	50-17	136-50	100	100	100	100	100	125	125	-	-	-	-
2. Amursk TETS 2	50-17	136-50	-	-	24	36	36	36	36	-	-	-	-
3. Khabarovsk TETS 1	48-25	135-07	375	375	475	475	475	475	475	-	-	-	-
4. Komsomolsk TETS 1	50-34	136-58	100	100	100	100	100	100	100	-	-	-	-
5. Komsomolsk TETS 2	50-33	137-02	174	174	224	224	224	224	224	-	-	-	-
6. Nikolayevsk TETS	53-08	140-44	-	-	-	24	24	24	36	-	-	-	-
Total in Plants 24 MW and over			749	749	923	950	984	984	996	-	-	-	-

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XI. Far East Economic Region														
Coordinates			Estimated Capacity at End of Year (MW)											
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	
D. <u>Magadan Oblast</u>														
1. Arkagala GRES	63-00	147-50	95	95	95	95	95	195						
2. Bilibino AES	68-02	166-32	-	-	-	12	24	36						
3. Chaun Power Station	69-42	170-18	32	32	32	32	32	32						
4. Magadan TENS	59-34	150-48	32	32	32	32	62	92						
Total in Plants 24 MW and over			159	159	159	171	213	355						
E. <u>Primorskiy Krai</u>														
1. Artan GRES	43-22	132-18	597	597	597	597	597	597						
2. Primorskiy GRES	46-28	134-15	-	-	-	-	100	200						
3. Sovetskaya Gavan TENS	49-02	140-14	42	42	42	42	42	42						
4. Spassk Dalniy TENS	44-34	132-47	30	30	30	30	30	30						
5. Suchan GRES	43-07	133-07	207	207	207	207	207	207						
6. Vladivostok TENS	43-08	131-54	200	200	250	250	250	250						
Total in Plants 24 MW and over			1,076	1,076	1,126	1,126	1,226	1,326						

- 68 -

Confidential

Confidential

XII. Far East Economic Region													
Coordinates			Estimated Capacity at End of Year (MW)										
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
F. Sakhalin Oblast													
1. Ocha TETS	53-34	142-56	38	78	78	78	78	78					
2. Yuzhno Sakhalinsk GRES	49-00	142-58	150	250	300	300	300	300					
3. Yuzhno Sakhalinsk TETS	49-01	142-59	-	-	-	-	-	-					25
Total in Plants 24 MW and over			188	328	378	378	378	403					
G. Yakutsk ASSR													
1. Chulman TETS	56-52	124-52	36	36	36	36	36	36					36
2. Mamakan GRES	57-49	114-03	86	86	86	86	86	86					86
3. Mukhtuya Diesel	60-43	114-55	20	20	20	20	20	20					20
4. Vilyuy GRES	63-05	113-30	320	320	320	320	320	320					400
5. Yakutsk GRES	62-00	129-40	50	75	100	100	100	100					100
Total in Plants 24 MW and over			512	537	562	562	562	642					

Confidential

Confidential

## INDEX

<u>Town or Plant Name</u>	<u>Page</u>	<u>Town or Plant Name</u>	<u>Page</u>	<u>Town or Plant Name</u>	<u>Page</u>
Abakan	64	Astrakhan	36	Berezova	11
Achinsk	64	Atarbekyan	27	Bezhitsa	41
Akkavakskaya GES	59	Atasvyskaya	56	Bezinyanka TETS -see Kuybyshev	33
Akhtme	12	At Bashinsk GES	60	Bezmein GES	61
Aktyubinsk	56	Azerbaijan GES	28	Bilibino AES	68
Aleksandriya	19	Azovstal TETS -see Zhdanov	17	Biysk	53
Aleksin	39	Baikalsk	63	Blagoveshchensk	67
Ali Bayramly	28	Ba. 11 TETS -see Chelyanvinsk	46	Bobruisk	11
Alma Ata	56	Baksan GES	24	Bogoslavsk	49
Almalyk	59	Baku	28	Borisoglebsk GES	6
Amursk	67	Balakhna -see Gorkiy	43	Bratsk	63
Angarsk -see Irkutsk	63	Balakovo	34	Bryansk	41
Angren	59	Balkhash	56	Bukhtarma GES	56
Araks GES	28	Barabinsk	53	Bur'htyn	21
Argayash	46	Barnaul	53	Chardarinsk GES	56
Arkagala	68	Bayangol	65	Chardzhou	61
Arkalyk	56	Belomorsk GES	8	Charvak GES	59
Arkhangelsk	9	Belorechensk GES	24	Chaun	68
Arnavir	24	Belovo	52	Chaykovskiy TETS	48
Armenian AES	27	Beloyarsk	49	Cheboksary	43
Artem	68	Beltsy	21	Chelyabinsk	46
Arzni GES	27	Belyye Perega -see Bryansk	41	Chepetsk -see Kirov	43
Ashkhabad -see Bezmein GES	61	Berezniki	48	Cherepet	39

- 70 -

Confidential

Confidential

<u>Town or Plant Name</u>	<u>Page</u>	<u>Town or Plant Name</u>	<u>Page</u>	<u>Town or Plant Name</u>	<u>Page</u>
Cherepovets	9	Dzhambul	56	Gyumush GES	27
Cherkassy	19	Dzhezkazgan	56	Igumovo -see Dzerzhinsk	43
Chernigov	19	Dzora GES	27	Inguri GES	29
Chernobyl AES	19	Ekibastuz	56	Inkerman GRES -see Sevastopol	20
Chirchik GES	59	Engels	34	Inta	9
Chirkeysk GES	24	Enso GES Svetogorsk	4	Iovskaya GES	6
Chiryurt	24	Estonian GRES	12	Irkutsk	47
Chita	65	Exmin GES	24	Irkutsk	63
Chuguyev -see Kharkov	18	Farkhad GES	59	Ivankovo GES	39
Chulman	69	Fergana	59	Ivanovo	41
Darnitsa TETS -see Kiyev	15	Frunze	60	Izhevsk	50
Dashava	21	Gizeldon GES	24	Izhora TETS -see Kolpino	4
Dneprodzerzhinsk	16	Glazov	50	Kachkanar	49
Dnepro GES	16	Golovnaya GES	60	Kairak Kum GES	60
Dnepropetrovsk	16	Gorkiy	43	K-tyovka	16
Dobrotvor	21	Gorkovskaya GES	43	Kalinin	41
Donetsk	17	G-odno	11	Kaliningrad	14
Dorogobuzh	41	Groznyy	24	Kalush	21
Dubossary	21	Gubakha -see Kizel	48	Kara GES	48
Dubrovka GES	4	Gubkin	44	Kara Vehicle TETS	35
Dushambe	60	Gumati GES	29	Kazensk	23
Dyagilev	39	Guryev	56	Kanysh Burun -see Kerch	20
Dzerzhinsk	43	Guzinozersk	65	Kanyshin	36

Confidential

Confidential

<u>Town or Plant Name</u>	<u>Page</u>	<u>Town or Plant Name</u>	<u>Page</u>	<u>Town or Plant Name</u>	<u>Page</u>
Kanaker GES	27	Kirov	43	Krasnodar	24
Kandalaksha GES	6	Kirovabad	28	Krasnogorsk	49
Kanev GES	19	Kirovakan	27	Krasnokamsk -see Zakamsk	48
Kapchagay GES	56	Kirovsk	6	Krasnovodsk	61
Karaganda	56, 57	Kishinev	21	Krasnoyarsk	64
Kargalinsk	47	Kizel	48	Kremenchug	19
Karmanovo	32	Kiyev	19	Kriyoy Rog	16
Kashira	39	Klasson GES	39	Kuban GES	24
Kaunas	14	Klin	39	Kumskaya GES	8
Kazan	35	Knyazhagubskaya GES	6	Kumurtau	32
Kegums GES	13	Kohtla Yarva	12	Kurakhovka	17
Kemerovo	52	Kola AES	6	Kurgan	50
Kentau	57	Kilpino TETS Izhora	4	Kurshava GES	24
Kerch	20	Komsomolsk	67	Kursk	44
Khabarovsk	67	Konakovo	41	Xuvasay	53
Khantayka GES	64	Kondopoga	8	Kuybyshev	33
Kharkov	18	Korshunovo	63	Kuznets	52
Kherson	20	Kostroma	41	Kyzyl Orda	57
Khevoskosk GES	6	Kotlas	9	Ladyzhinsk	19
Khodzhikent	59	Kotovsk	44	Ladzhapur	29
Kholbon	65	Kramatorsk	17	Leningrad	4
Khram GES -see Tsalka	29	Krasnaya Polyana GES	24	Leninogorsk	57
Kirish	4	Krasnaya Zvezda -see Baku	28	Liepaya	13

- 72 -

Confidential

Confidential

<u>Town or Plant Name</u>	<u>Page</u>	<u>Town or Plant Name</u>	<u>Page</u>	<u>Town or Plant Name</u>	<u>Page</u>
Lipetsk	44	Murmansk	6	Novo Irkutsk	63
Lisichansk	17	Murmashi Tuloma GES	6	Novo Kemerovo	52
Litovskaya GES	14	Narva GES	4	Novo Kuybyshev	33
Lugansk -see Voroshilovgrad	17	Narva Pribaltiskaya GES	12	Novomoskovsk	39
Lukoml'	11	Nautsi Rayakoski GES	6	Novorossiysk	25
LVov	21	Navoi	59	Novo Ryazan	39
Magadan	68	Nazarovo	64	Novo Salavat	32
Magnitogorsk	46	Nebit Dag	61	Novosibirsk	53
Makeyevka	17	Neftyan'ye Kamni	28	Novo Troitsk -see Orsk	47
Makhachkala	24	Nerchinsk-Tsurukhaytuy	65	Novo Voronezh	44
Mamakan GES	69	Nesvetay	23	Nurek GES	60
Mary	61	Nevinnomyssk	25	Odessa	20
Matkoshensk GES	8	Nikolayev	20	Orsha	69
Mayna	64	Nikolayevsk	67	Omsk	54
Melekes	36	Niva GES -see Kandalaksha	6	Ornskaya GES	8
Mingeaur GES	28	Nizhniy Kama	35	Orekhovo Belgres	11
Minsk	11	Nizhniy Svir GES	5	Orekhovo Zuyev	39
Mironovskaya	17	Nizhniy Tagil	49	Orel	41
Mogilev	11	Nizhnyaya Tura	49	Orsk	47
Moldavian GES	21	Norilsk	64	Osh	60
Moscow	38	Novgorod	5	Ozernaya Seran GES	27
Mozyr	11	Novocheboksary	43	Palakorgsk GES	8
Mukhtuya	69	Novocherkassk	23	Pavlodar	57

Confidential

Confidential

<u>Town or Plant Name</u>	<u>Page</u>	<u>Town or Plant Name</u>	<u>Page</u>	<u>Town or Plant Name</u>	<u>Page</u>
Pavlovsk Ufa GES	32	Rayakoski -see Nautsi GES	6	Sevan GES -see Ozeraya Sevan	27
Penza	36	Raychikhinsk	67	Sevastopol	20
Perepadnaya GES 1-4 (Georgia)	29	Razdan	27	Severodonetsk	17
Perepadnaya GES (Tadzhik)	60	Reft	49	Severodvinsk	9
Perm	48	Riga	13	Shakhty	23
Pervouralsk	49	Rioni GES	29	Shamskaya GES	27
Petropavlovsk (Kamchatka)	67	Rosta	6	Shacri GES	29
Petropavlovsk (Kazakh)	57	Rostov	23	Shatsk	39
Petrovsk-Zabaykalsk	65	Rubtsovsk	53	Shatura	39
Petrushinai -see Kaunas	14	Rudnyy	57	Shchekino	39
Pikalevo	5	Rustavi	29	Sherlovaya Gora	65
Pitkyaranta	8	Ryazan	39	Shirokovskaya GES	48
Plyavinskaya GES	13	Rybinsk	39	Shterovka	17
Podporozhye -see Verkhne Svir GES	5	Sakmara	47	Simferopol	20
Poduzhensk GES	8	Salavat	32	Skhodnenskaya GES	38
Polotsk	11	Saransk	43	Slavyansk	17
Pribaltiyskaya GES	12	Sarapul	50	Smolensk	41
Pridneprovskaya GES	16	Saratov	34	Smolevichi	11
Primorskiy GES	68	Sarova	43	Sogrinak	57
Putinsk GES	8	Segezha	8	Sokol	9
Pyatigorsk	25	Serebryansk	6	Solikamsk	48
Ramenskoye Tsagi TETS	39	Serov	49	Sormovsk	43
Raukhiala GES	5				

Confidential

<u>Town or Plant Name</u>	<u>Page</u>	<u>Town or Plant Name</u>	<u>Page</u>	<u>Town or Plant Name</u>	<u>Page</u>
Sovetskaya Gavan	68	Tavakskaya GES	59	Uch Kurgan	60
Spassk Dalniy	68	Tbilisi	29	Ufa	32
Sredne Uralsk	49	Temir Tau -see Karaganda Metal. TETS	56	Ugleorsk	17
Starobeshevo	17	Terebta Rikskaya GES	21	Uglich GES	40
Stavropol	25	Tertor GES	28	Ukhta	9
Sterlitamak	32	Tkibuli GES	29	Ulan Ude	65
Stupino	40	Tkvarcheli	29	Ulbinsk GES	57
Suchan	68	Toktogul GES	60	Ulyanovsk	36
Sukhumi	29	Tolyatti	33	Uralsk	57
Sungait	28	Tomsk	54	Urussy	35
Surgut	54	Tom Usinsk	52	Usolye TETS -see Irkutsk TETS II	63
Sverdlovsk	49	Tripolskaya	19	Ust Ilinsk	63
Svetogorsk GES -see Enso	4	Troitsk	46	Ust Kazenogorsk	7, 58
Svir GES	5	Tsagi TETS -see Ramenskoye	39	Vartsikh GES	30
Syktvykar	9	Tsalka Khram GES 1 & 2	29, 30	Vasilevichi	11
Syrdarinsk	59	Tselinograd	57	Verkhne Svir GES	5
Syzran	33	Tsimlyansk	23	Verkhne Tagil	49
Takhia Tash	59	Tsurukhaytuy -see Nerchinsk	65	Verkhne Tuloma GES	7
Tallin	12	Tula	40	Vievsk -see Litovskaya GES	14
Talnakh -see Norilsk	64	Tulonskaya -see Murmashi GES	6	Vilnyus	14
Tambov	44	Turgay -see Arkalyk	56	Vilyuy GES	69
Tashkent	59	Tyumen	54	Vitebsk	11
Tatev GES	27			Vladimir	40



Confidential

<u>Town or Plant Name</u>	<u>Page</u>	<u>Town or Plant Name</u>	<u>Page</u>	<u>Town or Plant Name</u>	<u>Page</u>
Vladivostok	68	West Sib. Mtlg. Comb. TETS	52	Yuzhno Kuzbass GES	52
Volgograd	36	Yakutsk	69	Yuzhno Sakhalinsk	69
Volga GES im Lenin	33	Yaniskoski GES	7	Yuzhnouralsk	46
Volga GES im 22nd Pty Cong.	36	Yaroslavl	41	Zainsk	35
Volkhov GES	5	Yavan	60	Zakamsk TETS	45
Volzhsk	36	Yayva	48	Zaporozhye	16
Vorkuta	9	Yergorlyk GES	25	Zemo Avchala GES	30
Voronezh	44	Yegorshino	49	Zeya GES	67
Voroshilovgrad	17	Yerevan	27	Zhdanov	17
Voroshilovsk	17	Yermakovo	58	Zhinzvali GES	30
Votkinsk	50	Yurga	52	Zmiyev	19
Vygostrovskaya GES	8	Yuryuzan	46	Zuyevka	17

Confidential

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